
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2007; month=11; day=25; hr=12; min=24; sec=43; ms=418;]

Validated By CRFValidator v 1.0.3

Application No: 10539446 Version No: 2.0

Input Set:

Output Set:

Started: 2007-11-05 15:58:15.726

Finished: 2007-11-05 15:58:17.450

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 724 ms

Total Warnings: 29

Total Errors: 0

No. of SeqIDs Defined: 29

Actual SeqID Count: 29

Error code		Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
W	402	Undefined organism found in <213> in SEQ ID (3)
W	402	Undefined organism found in <213> in SEQ ID (4)
W	402	Undefined organism found in <213> in SEQ ID (5)
W	402	Undefined organism found in <213> in SEQ ID (6)
W	402	Undefined organism found in <213> in SEQ ID (7)
W	402	Undefined organism found in <213> in SEQ ID (8)
W	402	Undefined organism found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
W	213	Artificial or Unknown found in <213> in SEQ ID (12)
W	213	Artificial or Unknown found in <213> in SEQ ID (13)
W	213	Artificial or Unknown found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)
W	213	Artificial or Unknown found in <213> in SEQ ID (16)
W	213	Artificial or Unknown found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)
W	213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-11-05 15:58:15.726 **Finished:** 2007-11-05 15:58:17.450

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 724 ms

Total Warnings: 29
Total Errors: 0
No. of SeqIDs Defined: 29

Actual SeqID Count: 29

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (21)
W	213	Artificial or Unknown found in <213> in SEQ ID (22)
W	213	Artificial or Unknown found in <213> in SEQ ID (23)
W	213	Artificial or Unknown found in <213> in SEQ ID (24)
W	213	Artificial or Unknown found in <213> in SEQ ID (25)
W	213	Artificial or Unknown found in <213> in SEQ ID (26)
W	213	Artificial or Unknown found in <213> in SEQ ID (27)
W	213	Artificial or Unknown found in <213> in SEQ ID (28)
W	213	Artificial or Unknown found in <213> in SEQ ID (29) This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<210> 4 <211> 19

<110>	Beijing Joinn Pharmaceutical Center ZHOU, Zhiwen FENG, Yuxia ZUO, Conglin LI, Yuejuan	
<120>	A SET OF OLIGO-NUCLEOTIDES AGAINST HIV INFECTION AND ITS APPLICATION AND TREATMENT OF ACQUIRED IMMUNE DEFICIENCY SYNC	
<130>	Q88152	
<140>	10539446	
	2005-06-20	
\141>	2003 00 20	
<150>	PCT/CN2003/001068	
<151>	2003-12-16	
<150>	CN 02156785.9	
<151>	2002-12-18	
<160>	29	
<170>	PatentIn version 3.3	
<210>	1	
	24	
<212>	RNA	
	Lentivirus genera	
	•	
<400>	1	
aucaau	gagg aagcugcaga augg	24
<210>	2	
<211>	27	
<212>	RNA	
<213>	Lentivirus genera	
<400>	2	
gggaagı	ugac auagcaggaa cuacuag	27
<210>	3	
<211>	29	
<212>	RNA	
<213>	Lentivirus genera	
<400>	3	
uaaauaa	aaau aguaagaaug uauagcccu	29

<212>	RNA	
<213>	Lentivirus genera	
<400>	4	
กษาเฉฉฉ	guac cugugugga	19
	g and - a g a g g s.	
<01.0×		
<210>		
<211>		
<212>		
<213>	Lentivirus genera	
<400>	5	
gccaau	uccc auacauuauu gugc	24
<210>	6	
<211>	21	
<212>		
	Lentivirus genera	
12107	denervitus genera	
<400>		
		21
uuaaau	ggca gucuagcaga a	21
.010.		
<210>		
<211>		
<212>		
<213>	Lentivirus genera	
<400>	7	
accaca	caca aggcuacuuc ccugau	26
<210>	8	
<211>	23	
<212>	RNA	
<213>		
12197	denervirus genera	
<400>	8	
		23
acagee	gccu agcauuucau cac	د ک
.010:		
<210>		
<211>		
<212>		
<213>	Lentivirus genera	
<400>	9	
ggaugg	ugcu ucaagcuagu accaguu	27
<210>	10	
<211>	21	
<212>		
<213>		
	∸	

<220>		
<223>	Chemically synthesized positive strand of double-stranded RNA viral gene expression inhibitor	
<400>	10	
uauggg	guac cuguguggau u	21
<210>	11	
<211>	21	
<212>	RNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized negative strand of double-stranded RNA	
	viral gene expression inhibitor	
<400>	11	
uccaca	cagg uaccccauau u	21
<210>	12	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized PCR primer	
<400>	12	
cggaatt	cta aagagcacaa gacagtggac	30
<210>	13	
<211>	30	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized PCR primer	
<400>	13	
cggatc	ctac tctaccgtca gcgtcattga	30
<210>	14	
<211>	21	
<212>	RNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized positive strand of double-stranded RNA	
	viral gene expression inhibitor	
<400>	1.4	

21

gugacauagc aggaacuacu u

```
<210> 15
<211> 21
<212> RNA
<213> Artificial Sequence
<220>
<223> Chemically synthesized negative strand of double-stranded RNA
      viral gene expression inhibitor
<400> 15
                                                                      21
guaguuccug cuaugucacu u
<210> 16
<211> 21
<212> RNA
<213> Artificial Sequence
<220>
<223> Chemically synthesized positive strand of double-stranded RNA
      viral gene expression inhibitor
<400> 16
accacacaca aggcuacuuu u
                                                                      21
<210> 17
<211> 21
<212> RNA
<213> Artificial Sequence
<220>
<223> Chemically synthesized negative strand of double-stranded RNA
      viral gene expression inhibitor
<400> 17
                                                                      21
aaguagccuu gugugugguu u
<210> 18
<211> 21
<212> RNA
<213> Artificial Sequence
<220>
<223> Chemically synthesized positive strand of double-stranded RNA
      viral gene expression inhibitor
<400> 18
                                                                      21
aucaaugagg aagcugcagu u
<210> 19
<211> 21
<212> RNA
```

<213> Artificial Sequence

<220>		
<223>	Chemically synthesized negative strand of double-stranded RNA	
	viral gene expression inhibitor	
<400>	19	
cugcago	cuuc cucauugauu u	21
<210>	20	
<211>	21	
<212>	RNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized positive strand of double-stranded RNA	
	viral gene expression inhibitor	
<400>	20	
guaagaa	augu cuageceugu u	21
, ,		
<210>	21	
<211>	21	
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized negative strand of double-stranded RNA	
	viral gene expression inhibitor	
<400>	21	
	laga cauucuuacu u	21
999	g	
<210>	22	
<211>		
<212>	RNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically synthesized positive strand of double-stranded RNA	
	viral gene expression inhibitor	
<400>	22	
	uaca uuauugugcu u	21
<210>	23	
<211>	21	
<212>		
	Artificial Sequence	
<220>		
<223>	Chemically synthesized negative strand of double-stranded RNA	
	viral gene expression inhibitor	
	-	

21

21

60

64

gcacaau	aau guaugggaau u
<210>	24
	21
<212>	RNA
<213>	Artificial Sequence
<220>	
	Chemically synthesized positive strand of double-stranded RNA
	viral gene expression inhibitor
<400>	24
aaauggc	agu cuagcagaau u
33	
<210>	25
<211>	21
<212>	RNA
<213>	Artificial Sequence
<220>	
<223>	Chemically synthesized negative strand of double-stranded RNA
	viral gene expression inhibitor
<400>	25
uucugcu	aga cugccauuuu u
<210>	26
<211>	64
<212>	DNA
<213>	Artificial Sequence
<220>	
<223>	Chemically-synthesized postiive strand of DNA fragment encoding
	hairpin SiRNA
<400>	26
gatcccc	ttc ccatacatta ttgtgcttca agagagcaca ataatgtatg ggaatttttg
gaaa	

<210> 27

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Chemically-synthesized negative strand of DNA fragment encoding hairpin SiRNA

<400> 27

aggg		64
<210>	28	
<211>	34	
<212>	DNA	
<213>	Artificial Sequence	
10005		
<220>		
<223>	Chemically-synthesized PCR primer	
<400>	28	
taattaatgc ggccgcaatt cgaacgctga cgtc 34		34
<210>	29	
<211>	50	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Chemically-synthesized PCR primer	
<400>	29	
	gtaa gettggatee gtggteteat acagaaetta taagatteee	50
,	J JJ	